

## WEST Search History

DATE: Thursday, July 17, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L3	(budesonide or becloetasone) same (microparticle\$)	2	L3
L2	(budesonide or becloetasone) adj5 (microparticle\$)	0	L2
L1	(budesonide or becloetasone) adj5 inhal\$	22	L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 22 of 22 returned.**☐ 1. Document ID: US 6576224 B1

L1: Entry 1 of 22

File: USPT

Jun 10, 2003

US-PAT-NO: 6576224

DOCUMENT-IDENTIFIER: US 6576224 B1

TITLE: Aerosolized anti-infectives, anti-inflammatories, and decongestants for the treatment of sinusitis

DATE-ISSUED: June 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Osbakken; Robert S.	Camarillo	CA		
Hale; Mary Anne	Woodland Hills	CA		
Leivo; Frederick T.	Carpinteria	CA		
Munk; James D.	Camarillo	CA		

US-CL-CURRENT: [424/45](#); [424/46](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC
Draw Desc	Image										

☐ 2. Document ID: US 6555566 B2

L1: Entry 2 of 22

File: USPT

Apr 29, 2003

US-PAT-NO: 6555566

DOCUMENT-IDENTIFIER: US 6555566 B2

TITLE: Methods and materials for treating and preventing inflammation of mucosal tissue

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ponikau; Jens	Rochester	MN		

US-CL-CURRENT: [514/393](#); [514/282](#), [514/31](#), [514/394](#), [514/462](#), [514/560](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC
Draw Desc	Image										

☐ 3. Document ID: US 6528096 B1

L1: Entry 3 of 22

File: USPT

Mar 4, 2003

US-PAT-NO: 6528096

DOCUMENT-IDENTIFIER: US 6528096 B1

TITLE: Carrier mixed with additives having lubricant properties for preparing powdery pharmaceutical compositions for inhalation

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Musa; Rossella	Parma			IT
Ventura; Paolo	Parma			IT
Chiesi; Paolo	Parma			IT

US-CL-CURRENT: 424/490; 424/400, 424/46, 424/489

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 4. Document ID: US 6468994 B2

L1: Entry 4 of 22

File: USPT

Oct 22, 2002

US-PAT-NO: 6468994

DOCUMENT-IDENTIFIER: US 6468994 B2

TITLE: Budesonide particles and pharmaceutical compositions containing them

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bisrat; Mikael	Sodertalje			SE
Moshashae; Saeed	Sodertalje			SE

US-CL-CURRENT: 514/172; 210/634, 210/702, 210/709, 210/713, 210/773, 210/774, 424/43, 424/44, 424/489, 514/178, 514/179, 514/181, 514/951

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 5. Document ID: US 6360743 B1

L1: Entry 5 of 22

File: USPT

Mar 26, 2002

US-PAT-NO: 6360743

DOCUMENT-IDENTIFIER: US 6360743 B1

TITLE: System for dispensing pharmaceutical active compounds

DATE-ISSUED: March 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersson; Jan	Sodra Sandby			SE
Jagfeldt; Hans	Lund			SE
Trofast; Eva	Lund			SE
Wetterlin; Kjell	Sodra Sandby			SE

US-CL-CURRENT: 128/203.15; 128/203.12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 6. Document ID: US 6346523 B1

L1: Entry 6 of 22

File: USPT

Feb 12, 2002

US-PAT-NO: 6346523

DOCUMENT-IDENTIFIER: US 6346523 B1

TITLE: Budesonide particles and pharmaceutical compositions containing them

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bisrat; Mikael	Sodertalje			SE
Moshashae; Saeed	Sodertalje			SE

US-CL-CURRENT: 514/172; 210/634, 210/702, 210/709, 210/713, 210/773, 210/774,  
210/808, 23/297, 23/299, 424/43, 424/44, 424/489, 514/178, 514/179, 514/181, 514/951

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 7. Document ID: US 6291500 B1

L1: Entry 7 of 22

File: USPT

Sep 18, 2001

US-PAT-NO: 6291500

DOCUMENT-IDENTIFIER: US 6291500 B1

TITLE: Methods and materials for treating and preventing inflammation of mucosal tissue

DATE-ISSUED: September 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ponikau; Jens	Rochester	MN	55904	

US-CL-CURRENT: 514/393; 514/282, 514/31, 514/394, 514/462, 514/560

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 8. Document ID: US 6291445 B1

L1: Entry 8 of 22

File: USPT

Sep 18, 2001

US-PAT-NO: 6291445

DOCUMENT-IDENTIFIER: US 6291445 B1

TITLE: Low dose budesonide formulations and uses thereof

DATE-ISSUED: September 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nilsson; Hans	Lund			SE
Santesson; Gordon	Horby			SE

US-CL-CURRENT: 514/174

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 9. Document ID: US 6250300 B1

L1: Entry 9 of 22

File: USPT

Jun 26, 2001

US-PAT-NO: 6250300

DOCUMENT-IDENTIFIER: US 6250300 B1

TITLE: System for dispensing pharmaceutically active compounds

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersson; Jan	Sodra Sandby			SE
Jagfaldt; Hans	Lund			SE
Trofast; Eva	Lund			SE
Wetterlin; Kjell	Sodra Sandby			SE

US-CL-CURRENT: 128/203.15; 128/203.12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 10. Document ID: US 6207703 B1

L1: Entry 10 of 22

File: USPT

Mar 27, 2001

US-PAT-NO: 6207703

DOCUMENT-IDENTIFIER: US 6207703 B1

TITLE: Methods and materials for treating and preventing inflammation of mucosal tissue

DATE-ISSUED: March 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ponikau; Jens	Rochester	MN	55904	

US-CL-CURRENT: 514/460; 514/254.07, 514/256, 514/274, 514/354, 514/383, 514/396, 514/459, 514/462, 514/514, 514/557, 514/560, 514/649, 514/717

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 11. Document ID: US 6201027 B1

L1: Entry 11 of 22

File: USPT

Mar 13, 2001

US-PAT-NO: 6201027

DOCUMENT-IDENTIFIER: US 6201027 B1

TITLE: Substituted .beta. diketones and their use

DATE-ISSUED: March 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aho; Paivi	Helsinki			FI
Backstrom; Reijo	Helsinki			FI
Koponen; Anita	Espoo			FI
Linden; Inge-Britt	Espoo			FI
Lotta; Timo	Vantaa			FI
Lonnberg; Kari	Routio			FI
Pippuri; Aino	Espoo			FI
Pohto; Pentti	Helsinki			FI

US-CL-CURRENT: 514/710; 514/675, 514/709, 568/28, 568/31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 12. Document ID: US 5972919 A

L1: Entry 12 of 22

File: USPT

Oct 26, 1999

US-PAT-NO: 5972919

DOCUMENT-IDENTIFIER: US 5972919 A

TITLE: Combination of a bronchodilator and a steroidal anti-inflammatory drug for the treatment of respiratory disorders, as well as its use and the preparation thereof

DATE-ISSUED: October 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carling; Christer Carl Gustav	Dalby			SE
Trofast; Jan William	Lund			SE

US-CL-CURRENT: 514/171; 514/174, 514/653, 514/826

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 13. Document ID: US 5958378 A

L1: Entry 13 of 22

File: USPT

Sep 28, 1999

US-PAT-NO: 5958378

DOCUMENT-IDENTIFIER: US 5958378 A

**\*\* See image for Certificate of Correction \*\***

TITLE: High dose liposomal aerosol formulations containing cyclosporin A or budesonide

DATE-ISSUED: September 28, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waldrep; J. Clifford	The Woodlands	TX		
Knight; Vernon	Houston	TX		
Black; Melanie B.	The Woodlands	TX		

US-CL-CURRENT: 424/45; 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 14. Document ID: US 5934273 A

L1: Entry 14 of 22

File: USPT

Aug 10, 1999

US-PAT-NO: 5934273

DOCUMENT-IDENTIFIER: US 5934273 A

TITLE: System for dispensing pharmaceutically active compounds

DATE-ISSUED: August 10, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersson; Jan	Sodra Sandby			SE
Jagfeldt; Hans	Lund			SE
Trofast; Eva	Lund			SE
Wetterlin; Kjell	Sodra Sandby			SE

US-CL-CURRENT: 128/203.12; 128/203.23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 15. Document ID: US 5922610 A

L1: Entry 15 of 22

File: USPT

Jul 13, 1999

US-PAT-NO: 5922610

DOCUMENT-IDENTIFIER: US 5922610 A

TITLE: System to be used for the determination of no levels in exhaled air and diagnostic methods for disorders related to abnormal no levels

DATE-ISSUED: July 13, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alving; Kjell	Uppsala			SE
Weitzberg; Edward	Stockholm			SE
Lundberg; Jan	Djursholm			SE

US-CL-CURRENT: 436/116; 422/83, 422/84, 422/93, 436/106, 436/181, 600/532

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 16. Document ID: US 5837713 A

L1: Entry 16 of 22

File: USPT

Nov 17, 1998

US-PAT-NO: 5837713

DOCUMENT-IDENTIFIER: US 5837713 A

TITLE: Treatment of eosinophil-associated pathologies by administration of topical anesthetics and glucocorticoids

DATE-ISSUED: November 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gleich; Gerald J.	Rochester	MN		

US-CL-CURRENT: 514/312; 514/317, 514/330, 514/535, 514/540, 514/626, 514/826, 514/914

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 17. Document ID: US 5674860 A

L1: Entry 17 of 22

File: USPT

Oct 7, 1997

US-PAT-NO: 5674860

DOCUMENT-IDENTIFIER: US 5674860 A

TITLE: Combination of a bronchodilator and a steroidal anti-inflammatory drug for the treatment of respiratory disorders

DATE-ISSUED: October 7, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carling; Christer Carl Gustav	Dalby			SE
Trofast; Jan William	Lund			SE

US-CL-CURRENT: 514/171; 514/174, 514/653, 514/826

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 18. Document ID: US 5642728 A

L1: Entry 18 of 22

File: USPT

Jul 1, 1997

US-PAT-NO: 5642728

DOCUMENT-IDENTIFIER: US 5642728 A

TITLE: System for dispensing pharmaceutically active compounds

DATE-ISSUED: July 1, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersson; Jan	Sodra Sandby			SE
Jagfeldt; Hans	Lund			SE
Trofast; Eva	Lund			SE
Wetterlin; Kjell	Sodra Sandby			SE

US-CL-CURRENT: 128/203.15; 128/203.12, 128/203.23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 19. Document ID: CZ 200203717 A3 WO 200185174 A1 AU 200158395 A EP 1280532 A1 NO 200205394 A SK 200201606 A3

L1: Entry 19 of 22

File: DWPI

Apr 16, 2003

DERWENT-ACC-NO: 2002-139407

DERWENT-WEEK: 200336

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Aerosol composition useful for treating asthma contains (22R)-budesonide epimer dissolved in a mixture of a hydrofluoroalkane propellant, a cosolvent and a low volatility component

INVENTOR: BRAMBILLA, G; FERRARIS, A ; GANDERTON, D ; LEWIS, D ; MEAKIN, B

PRIORITY-DATA: 2000IT-MI01051 (May 12, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CZ 200203717 A3	April 16, 2003		000	A61K031/58
WO 200185174 A1	November 15, 2001	E	016	A61K031/58
AU 200158395 A	November 20, 2001		000	A61K031/58
EP 1280532 A1	February 5, 2003	E	000	A61K031/58
NO 200205394 A	January 13, 2003		000	A61K031/58
SK 200201606 A3	April 1, 2003		000	A61K031/58

INT-CL (IPC): A61 K 9/00; A61 K 31/58; A61 P 11/00; A61 P 11/06; A61 P 11/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 20. Document ID: JP 2002532428 W WO 200035458 A1 AU 200023690 A US 6290930 B1  
EP 1140111 A1 BR 9916830 A CZ 200102217 A3 HU 200200066 A2 US 20020127185 A1

L1: Entry 20 of 22

File: DWPI

Oct 2, 2002

DERWENT-ACC-NO: 2000-431494

DERWENT-WEEK: 200279

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Solution aerosol formulations comprise Budesonide, fluoroalkane propellants and co-solvent that dissolves or solubilizes Budesonide in mixture, are storage stable and do not require refrigeration

INVENTOR: BLONDINO, F E; BRUCATO, M ; BUENAFE, M W ; CAVANAUGH, K A ; MEDINA, R A ;  
FUENAFE, M W ; BUENAFE, M

PRIORITY-DATA: 1998US-0215279 (December 18, 1998), 2001US-0915183 (July 24, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2002532428 W	October 2, 2002		018	A61K031/58
WO 200035458 A1	June 22, 2000	E	021	A61K031/58
AU 200023690 A	July 3, 2000		000	A61K031/58
US 6290930 B1	September 18, 2001		000	A61K009/12
EP 1140111 A1	October 10, 2001	E	000	A61K031/58
BR 9916830 A	November 6, 2001		000	A61K031/58
CZ 200102217 A3	April 17, 2002		000	A61K031/58
HU 200200066 A2	June 28, 2002		000	A61K031/58
US 20020127185 A1	September 12, 2002		000	A61K031/57

INT-CL (IPC): A61 K 9/00; A61 K 9/12; A61 K 9/72; A61 K 31/57; A61 K 31/58; A61 K 47/00; A61 K 47/06; A61 K 47/10; A61 L 9/04; A61 P 5/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 21. Document ID: RU 2203045 C2 WO 9934778 A1 FI 9704664 A AU 9917608 A FI 105074 B1 EP 1041971 A1 NO 200003393 A CN 1283109 A HU 200100398 A2 KR 2001033725 A MX 2000006458 A1 JP 2002500176 W AU 754074 B

L1: Entry 21 of 22

File: DWPI

Apr 27, 2003

DERWENT-ACC-NO: 1999-430317

DERWENT-WEEK: 200340

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: New method for preparing a physically stable and homogeneous powdered preparation containing an active agent and additives in particulate form

INVENTOR: LANKINEN, T

PRIORITY-DATA: 1997FI-0004664 (December 31, 1997)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2203045 C2	April 27, 2003		000	A61K031/137
WO 9934778 A1	July 15, 1999	E	016	A61K009/14
FI 9704664 A	July 1, 1999		000	A61K000/00
AU 9917608 A	July 26, 1999		000	
FI 105074 B1	June 15, 2000		000	A61K009/72
EP 1041971 A1	October 11, 2000	E	000	A61K009/14
NO 200003393 A	July 31, 2000		000	A61K009/14
CN 1283109 A	February 7, 2001		000	A61K009/14
HU 200100398 A2	August 28, 2001		000	A61K009/14
KR 2001033725 A	April 25, 2001		000	A61K009/14
MX 2000006458 A1	February 1, 2001		000	A61K009/14
JP 2002500176 W	January 8, 2002		016	A61K009/14
AU 754074 B	November 7, 2002		000	A61K009/14

INT-CL (IPC): A61 K 0/00; A61 K 9/12; A61 K 9/14; A61 K 9/72; A61 K 31/137; A61 K 31/56; A61 K 31/57; A61 K 31/58



☐ 22. Document ID: WO 9813031 A2 AU 9744926 A NO 9901407 A ZA 9708303 A CZ 9901027 A3 EP 932397 A2 SK 9900383 A3 BR 9712125 A US 6039932 A HU 200000795 A2 MX 9902568 A1 JP 2001501209 W KR 2000048646 A AU 732985 B

L1: Entry 22 of 22

File: DWPI

Apr 2, 1998

DERWENT-ACC-NO: 1998-230408

DERWENT-WEEK: 199820

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Aerosol formulations for administration of budesonide by nasal or oral inhalation - comprise e.g. suspension of the drug, hydro:fluoroalkane propellant(s), surfactant and adjuvant such as ethanol

INVENTOR: GOVIND, N; JINKS, P A ; ROSS, D L ; WARD, G H ; WARD, G

PRIORITY-DATA: 1996GB-0020187 (September 27, 1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9813031 A2	April 2, 1998	E	012	A61K009/72
AU 9744926 A	April 17, 1998		000	A61K009/72
NO 9901407 A	March 23, 1999		000	A61K000/00
ZA 9708303 A	May 26, 1999		014	A61K000/00
CZ 9901027 A3	July 14, 1999		000	A61K009/72
EP 932397 A2	August 4, 1999	E	000	A61K009/72
SK 9900383 A3	September 10, 1999		000	A61K009/72
BR 9712125 A	August 31, 1999		000	A61K009/72
US 6039932 A	March 21, 2000		000	A61K009/12
HU 200000795 A2	August 28, 2000		000	A61K009/72
MX 9902568 A1	August 1, 1999		000	A61K009/72
JP 2001501209 W	January 30, 2001		018	A61K009/12
KR 2000048646 A	July 25, 2000		000	A61K009/12
AU 732985 B	May 3, 2001		000	A61K009/72

INT-CL (IPC): A61 K 0/00; A61 K 9/10; A61 K 9/12; A61 K 9/72; A61 K 31/58; A61 K 47/06; A61 K 47/12; A61 K 47/14; A61 P 11/06; A61 P 27/16; A61 P 37/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

[Generate Collection](#)[Print](#)

Terms	Documents
(budesonide or becloetasone) adj5 inhal\$	22

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST****End of Result Set**

Generate Collection

Print

L3: Entry 2 of 2

File: USPT

Nov 30, 1999

DOCUMENT-IDENTIFIER: US 5993805 A

TITLE: Spray-dried microparticles and their use as therapeutic vehicles

Detailed Description Text (69):

A range of materials has been used to manufacture smooth spherical soluble microparticles. The range of microparticles produced includes inert materials such as HSA, lactose, mannitol, sodium alginate; active materials alone such as al-antitrypsin; and mixtures of active and inert carrier such as lactose/alcohol dehydrogenase, lactose/budesonide, HSA/salbutamol. In all cases smooth spherical and gas containing particles are produced. We have assessed the success of the process in maintaining control over the morphology of the particles produced by microscopy. The particles are suspended in propanol and then visualised by microscopy. Those particles which contain gas appear to have an intense white core surrounded by an intact black rim whilst broken or miss-formed particles appear as ghosts. Microscopic evaluation of the following microparticles exemplifies the range of materials and actives which can be dried to produce smooth spherical particles.